

Cruise Summary

1. Cruise Information

- (1) **Cruise ID:** KH-22-3
- (2) **Vessel:** R/V HAKUHO MARU
- (3) **Cruise Title**
Training cruise for geological and geophysical observations
- (4) **Chief Scientist**
Kyoko Okino (AORI)
- (5) **Representative of the Science Party**
KH-22-3_01 Kyoko Okino (AORI)
- (6) **Research Titles**
KH-22-3_01 Training cruise for geological and geophysical observations
- (7) **Cruise Period**
2022/02/08 - 2022/02/17
- (8) **Ports of departure/call/arrival**
Kagoshima - Kagoshima
- (9) **Research Area**
Okinawa Trough

2. Overview of the Observation

Typical operations of geological and geophysical observations are tested to confirm the results of refurbishment of R/V Hakuho-maru. Underway geophysics (new MBES, proton magnetometer, STCM, gravimeter), sediment sampling (piston corer, multiple corer), and water sampling with CTD observations are conducted in the Okinawa area. Deep-tow magnetometer towing using co-axial cable (No.2) is tested.